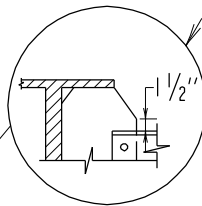


Note:
Angle clip shown;
optional radius clip
acceptable.

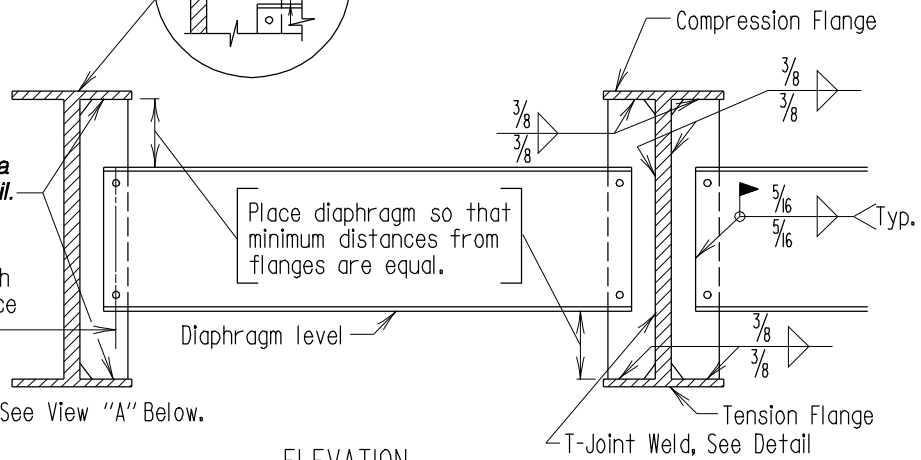
*This connection creates a
Category C Design Detail.*

2- $\frac{7}{8}$ " ϕ Erection Bolts in each
connection to remain in place
after welding.

Note: See View "A" Below.

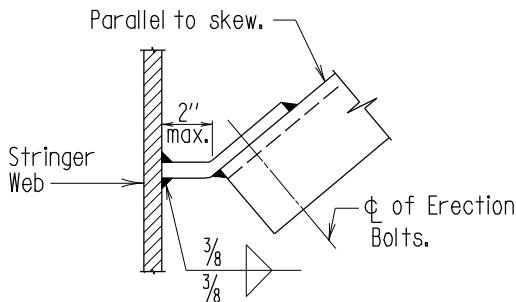


This detail to be used when
connection plate extend
beyond edge of flange.



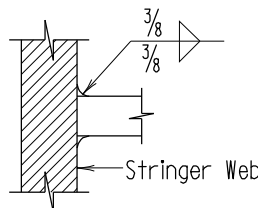
ELEVATION

Scale: None



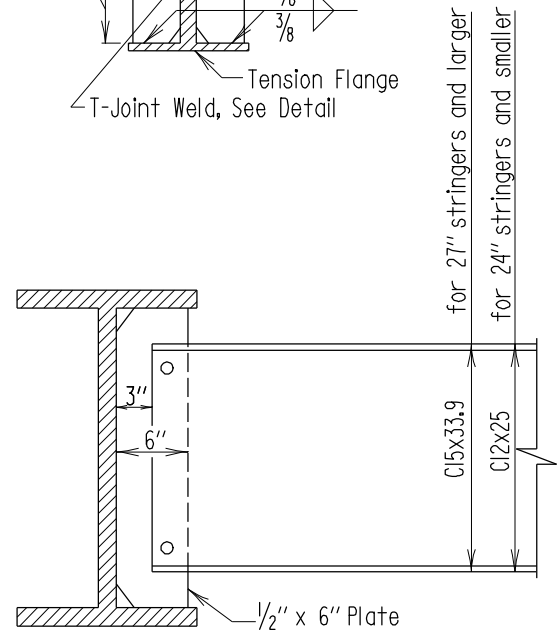
T-JOINT WELD DETAIL FOR
SKEW ANGLE OVER 70° TO 90°

Scale: None



T-JOINT WELD DETAIL FOR
SKEW ANGLE 70° OR LESS

Scale: None

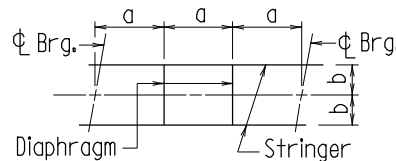


VIEW A

Scale: None

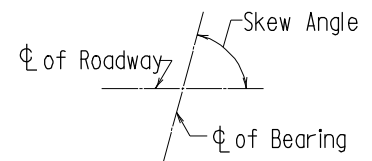
Notes:

1. **Slant lettering indicates note "For Office Use Only"**
2. Where the angle between the center line of roadway and the center line of bearing is 70° or less place diaphragms at 90 to the stringers. diaphragms shall be spaced as shown in detail this sheet and as noted below.
3. Where aforementioned angle is greater than 70°, the diaphragms shall be parallel to the center line of bearing of the stringers.
4. Space intermediate diaphragms at 20'± to 25'±; i.e. for spans. (Non-curved bridges only). Up to 25'± bearings-no intermediate Diaphragm.
From 25' to 50'± bearings-One Intermediate Diaphragm.
From 50' to 75'± bearings-Two Intermediate Diaphragms, etc.
(See Framing Plan).
5. All diaphragms are to be completely connected to stringers before deck slab is poured.



DIAPHRAGM SPACING
70° OR LESS SKEW

Scale: None



SKEW ANGLE

Scale: None

APPROVAL	
<i>L.S. Fisher</i> DIRECTOR	
OFFICE OF STRUCTURES	
DATE: 6/20/75	
REVISIONS	
SHA	FHWA
7-20-93	
3-3-94	
FHWA APPROVAL	1-22-01
DATE: 11-9-76	10-22-03

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

ROLLED STEEL BEAMS
INTERMEDIATE DIAPHRAGM DETAILS
WELDED CONNECTIONS

STANDARD NO. BR-SS(8.03)-75-II

SHEET 1 OF 2

SUPERSTRUCTURE - STEEL